

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"4453215".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/02 15:36
S2	48	"4862411".URPN.	USPAT	OR	ON	2004/06/02 15:06
S3	82	FIFO with (DASD or HDD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/02 15:36
S4	48979	source with target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:41
S5	1929	source with DMA\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:41
S6	781	target with DMA\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:41
S7	684	source near3 DMA\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:41
S8	346	target near3 DMA\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:41
S9	5	(source near3 DMA\$2) same (target near3 DMA\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:00
S10	2	"6131141".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:52

## EAST Search History

S11	63	(source with DMA\$2) same (target with DMA\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:00
S12	1772	source with FIFO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:44
S13	738	target with FIFO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:42
S14	25	(source with FIFO) same (target with FIFO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:04
S15	34835	duplica\$6.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:05
S16	0	(duplica\$6 and FIFO\$3 and DMA\$3).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:06
S17	536	(FIFO\$3 and DMA\$3).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:06
S18	70	(duplica\$6 and FIFO\$3).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:06
S19	44	(duplica\$6 and DMA\$3).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:21
S20	13	target with FIFO with plural\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:43

## EAST Search History

S21	660	receiv\$6 with FIFO with plural\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:44
S22	8919	(source or transmit\$6 or send\$6) with FIFO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:44
S23	218	(receiv\$6 with FIFO with plural\$6) same ((source or transmit\$6 or send\$6) with FIFO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/28 14:29
S24	1698	multiplexer with (FIFO or buffer\$6) with transmit\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/28 14:30
S25	89	(multiplexer with (FIFO or buffer\$6) with transmit\$6) with plural\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/28 15:29
S26	15	(multiplexer with (FIFO or buffer\$6) with transmit\$6) with broadcast\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/28 15:29
S27	22	("3805284"   "4019176"   "4375655"   "4494156"   "4618897"   "4620279"   "4707750"   "4727509"   "4862411"   "4864431"   "4866601"   "4907105"   "5058004"   "5167020"   "5235683"   "5237466"   "5241526"   "5386566"   "5610893"   "5636359"   "5777811"   "5898841").PN.	USPAT	OR	ON	2004/06/01 10:36
S28	2	"6131141".URPN.	USPAT	OR	ON	2004/06/01 10:36
S30	18	"693159"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:26
S31	4	"693159".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:27

## EAST Search History

S32	2	"6850947".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:53
S33	94	dma with duplicat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:53
S34	134	dma\$1 with duplicat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 18:22
S35	2940	dma\$1 with fifo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 18:22
S36	21	S34 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:32
S37	4	"6601134".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 18:23
S38	4121	fifo with multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:32
S39	216	fifo with multiplex\$5 same dma\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:33
S40	6	S39 and (duplic\$7 or replic\$7).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 10:55
S41	191	S39 and @ad<="20021224"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:34

## EAST Search History

S42	71	((duplic\$7 or replic\$7) and (dma\$1 or direct adj memory adj access\$5)).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:25
S43	4	("5430854" "4481580").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 11:01
S44	2	("20020118951"   "6131141").PN. OR ("6931459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 11:04
S45	16593	((duplic\$7 or replic\$7) and data).ti, ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:21
S46	282	S45 and fifo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:21
S47	195	S45 and (dma\$1 or direct adj memory adj access\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:26
S48	35	S46 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:22
S49	44481	((duplic\$7 or cop\$5) and (cd or disk or drive)).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:25
S50	24	S49 and (dma\$1 or direct adj memory adj access\$5) and fifo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:56
S51	7	("6065007"   "6122628"   "6173310"   "6208990"   "6216125"   "6385604"   "6408292").PN. OR ("6850947").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 12:41

## EAST Search History

S52	163	S49 and (dma\$1 or direct adj memory adj access\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:43
S53	102	S49 and fifo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:56
S54	104	hard adj (disk or drive) near3 (duplication or copying) with system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:34
S55	0	("2004/0141246").URPN.	USPAT	OR	ON	2006/03/02 15:32
S56	11	("4375655"   "4551840"   "4618897"   "4727509"   "5084789"   "5239445"   "5530960"   "5579474"   "5644705"   "5796684").PN. OR ("6292852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:06
S57	18	("5519882"   "5572659"   "5583994"   "5592626"   "5604906"   "5652614"   "5664186"   "5745756"   "5794052"   "5887060"   "5915264"   "5953532").PN. OR ("6189051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:06
S58	36	("3778793"   "3805284"   "3864735"   "3938184"   "4157573"   "4357707"   "4365210"   "4375655"   "4471390"   "4494156"   "4499507"   "4541019"   "4551840").PN. OR ("4727509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:23
S59	15	("4498146"   "4706136").PN. OR ("5084789").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:31
S60	1	"20060014125".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:31
S61	21	hard adj (disk or drive) with fifo with (dma\$1 or direct adj memory adj access\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:52
S62	201	duplicat\$5.ti,ab. and source with target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:52

## EAST Search History

S63	9	duplicat\$5.ti,ab. and source with target with multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:21
S64	17	duplicat\$5.ti,ab. and source with target with compar\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:56
S65	103	duplicat\$5.ti,ab. and source with multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:22
S66	1612	cop\$5 with sources with plurality	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:43
S67	25	cop\$5 with sources with plurality with multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:43
S68	27	cop\$5 with sources with plurality same multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:45
S69	917	select\$5 with sources with plurality same multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:45
S70	728	select\$5 with sources with plurality with multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:45
S71	2	S70 same hard near3 (disk or drive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:46
S72	39	S70 and hard near3 (disk or drive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:48

## EAST Search History

S73	7	S70 and (cop\$5 or duplicat\$5).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:54
S74	2106	plural\$5 with source with (cop\$5 or duplicat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:56
S75	1160	multiple with source with (cop\$5 or duplicat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:57
S76	522	S74.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:55
S77	425	S74 with data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:55
S78	686	(S74 or S75) with data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:55
S79	131	S78.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:56
S80	811	plural\$5 near3 source with (cop\$5 or duplicat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:17
S81	490	multiple near3 source with (cop\$5 or duplicat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:18
S82	263	(S80 or S81) with data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:16



## EAST Search History

S83	48	S82.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 17:57
S84	5	S82 same multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 19:33
S85	9631	(plural\$5 or multipl\$5) near3 source with multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:18
S86	2285	(plural\$5 or multipl\$5) near3 source with multiplex\$5 with data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:18
S87	122	S86 and (cop\$5 or duplicat\$5).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:19
S88	44	("3176992"   "3976301"   "4685001"   "4766581"   "4989191"   "5033038"   "5036503"   "5040159"   "5056073"   "5058095"   "5099465"   "5101388"   "5121379"   "5173889"   "5291465"   "5418763"   "5431520"   "5473589"   "5481514"   "5495457"   "5518325"   "5586094"   "5610893"   "5640535"   "5724321"   "5796684"   "5802020"   "5841744"   "5873692"   "5914918"   "5946216").PN. OR ("6141298"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 19:32
S89	2	S88 and multiplex\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 19:33

## EAST Search History

S90	30	("3805284"   "4019176"   "4375655"   "4494156"   "4618897"   "4620279"   "4707750"   "4727509"   "4862411"   "4864431"   "4866601"   "4907105"   "5058004"   "5167020"   "5235683"   "5237466"   "5241526"   "5386566"   "5610893"   "5636359"   "5777811"   "5898841").PN. OR ("6131141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 19:47
S92	43	(US-20020161942-\$ or US-20020085497-\$ or US-20030003943-\$ or US-20020138697-\$ or US-20040022139-\$ or US-20020118951-\$ or US-20040122993-\$ or US-20030007564-\$ or US-20040093443-\$).did. or (US-6292852-\$ or US-6556769-\$ or US-6189051-\$ or US-4165520-\$ or US-7003601-\$ or US-6996655-\$ or US-6779071-\$ or US-6651130-\$ or US-6453391-\$ or US-4375655-\$ or US-6131141-\$ or US-6931459-\$ or US-5487160-\$ or US-5343426-\$ or US-5640535-\$ or US-5371535-\$ or US-4727509-\$ or US-5280590-\$ or US-5775695-\$ or US-6141298-\$ or US-6049874-\$ or US-5235683-\$ or US-4862411-\$ or US-5983301-\$ or US-5796684-\$ or US-6507694-\$).did. or (US-5250943-\$ or US-6606693-\$ or US-5237466-\$ or US-5058004-\$ or US-5084789-\$ or US-5655133-\$).did. or (EP-1333380-\$).did. or (JP-2000148402-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/03/02 20:29
S93	19	S92 and fifo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 20:32
S94	961	ping near pong with (fifo or buffer\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 20:34
S95	82	S94.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 20:33

## EAST Search History

S96	110	S94 and "710"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 20:34
S97	125	lin adj bus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:53
S98	2	S97 and check adj bits	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:53
S99	30	("3805284"   "4019176"   "4375655"   "4494156"   "4618897"   "4620279"   "4707750"   "4727509"   "4862411"   "4864431"   "4866601"   "4907105"   "5058004"   "5167020"   "5235683"   "5237466"   "5241526"   "5386566"   "5610893"   "5636359"   "5777811"   "5898841").PN. OR ("6131141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:29
S10 0	8	("4494156"   "4727509"   "4862411"   "4864431"   "4866601"   "5167020"   "5235683"   "5241526").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:30
S10 1	34123	S100 and scsi or ata	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:30
S10 2	1	S100 and (scsi or ata)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:59
S10 3	3066	710/2,22,52.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:02
S10 4	291	S103 and duplicat\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:03
S10 5	116	S103 and duplicat\$5 and fifo	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:05
S10 6	1507	360/15-22.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:05

## EAST Search History

S10 7	8	S106 and duplicat\$5 and fifo	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:05
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